

In the claims:

Claims 1-5 (Cancelled)

6. (Currently Amended) A method of processing a voice mail message in a unified messaging system using a wireless mobile communication device having circuitry for communicating over a wireless data communication channel and a wireless voice communication channel, the method comprising the steps of:

receiving the voice mail message at the unified messaging system and storing it in a data store associated with ~~the~~ a user of the wireless mobile communication device;

detecting the stored voice mail message at the data store and transmitting a notification signal to the wireless mobile communication device via the wireless data communication channel, the notification signal including information regarding the voice mail message;

displaying the voice mail message information on a display interface of the wireless mobile communication device, the display interface providing one or more commands for processing the voice mail message, wherein one of the one or more commands includes a message retrieval command;

transmitting a command signal from the mobile communication device to the unified messaging system, the command signal including the message retrieval command; and

providing the message retrieval command to a voice mail system component of the unified messaging system;

the voice mail system component initiating a voice call to the wireless mobile communication device via the voice communication channel; and

~~in response to receiving the message retrieval command,~~ transmitting the voice mail message to the wireless mobile communication device via the voice communication channel.

7. (Currently Amended) The method of claim 6, further comprising ~~the step of~~ playing the voice mail message on the mobile communication device.

8. (Currently Amended) The method of claim 6, wherein the step of transmitting the notification signal to the mobile communication device further comprises ~~the steps of~~:

preparing an email message including the information regarding the voice mail message; and

transmitting the email message to the mobile communication device.

9. (Currently Amended) The method of claim 6, wherein the information regarding the voice mail message comprises at least one of a message waiting indicator, a voice mail message reference identification, a voice mail access telephone number, a caller identification, or a date and time of the ~~call~~ voice mail message.

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Previously Presented) The method of claim 6, wherein the command signal is transmitted to the unified messaging system via the data communication channel.

15. (Cancelled)

16. (Cancelled)

17. (Previously Presented) The method of claim 6, wherein the notification signal is one of an e-mail message, an SMS message, an Internet Message Service message, an Enhanced Messaging Service message, or a Multi-Media Messaging Service message.

18. (Currently Amended) A method of remotely controlling a voice mail system using a ~~dual-mode~~ wireless device capable of communicating via a wireless data network and a wireless voice network, the method comprising ~~the steps of:~~

receiving a voice call at the voice mail system and storing ~~the a~~ voice call mail message in a voice mail box associated with the user of the ~~dual-mode~~ wireless device;

detecting the stored voice mail message in the voice mail box;

transmitting a notification message to the ~~dual-mode~~ wireless device via the wireless data network, the notification message indicating that the voice call mail message is stored in the user's voice mail box;

~~transmitting a command signal from the dual mode wireless device to the voice mail system to remotely control the operation of the voice mail system;~~

transmitting a connection request command message from the wireless device to the voice mail system via the wireless data network;

the voice mail system initiating a voice call to the wireless device via the wireless voice network; and

receiving the stored voice ~~call~~ mail message at the ~~dual mode~~ wireless device via the wireless voice network.

19. (Currently Amended) The method of claim 18, further comprising ~~the steps of:~~

interfacing a private branch exchange (PBX) system to the voice mail system;

receiving the voice call at the PBX system and routing the voice call to the voice mail system.

20. (Previously Presented) The method of claim 19, wherein the voice mail system is integrated into the PBX system.

21. (Currently Amended) The method of claim 18, further comprising ~~the steps of:~~

associating a reference identification with the stored voice mail message;

including the reference identification in the notification message transmitted to the ~~dual-mode~~ wireless device; and

including the reference identification in the command signal transmitted to the voice mail system so that the voice mail system can process the stored voice mail message.

22. (Currently Amended) The method of claim 18, wherein the voice mail system is coupled to a unified messaging system, the method further comprising ~~the steps of:~~

interfacing the unified messaging system with the voice mail system; and
generating the notification message at the unified messaging system.

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Cancelled)

27. (Currently Amended) The method of claim 22, further comprising ~~the step of:~~

transmitting e-mail messages from the unified messaging system to the ~~dual mode~~
wireless device via the wireless data network.

28. (Currently Amended) The method of claim 27, wherein the e-mail messages are stored at a
~~corporate an~~ e-mail server that interfaces with the unified messaging system.

29. (Previously Presented) The method of claim 18, wherein the notification message is one of
an e-mail message or an SMS message.

30. (Currently Amended) The method of claim 18, wherein the notification message includes information describing the voice ~~call~~ mail message stored in the voice mail box.

31. (Currently Amended) The method of claim 30, wherein the notification message information includes at least one of a voice mail reference identifier, a voice mail system telephone access number, caller identification information, or ~~the~~ a date and time of the voice call.

32. (Currently Amended) The method of claim 18, further comprising ~~the step of:~~
displaying a unified event listing at the mobile device, the unified event listing including at least e-mail message events and voice mail message events received at the ~~dual-mode~~ wireless device.

33. (Currently Amended) The method of claim 32, further comprising ~~the steps of:~~
associating a ~~different~~ first graphical icon ~~for~~ with the e-mail message events and a second graphical icon with the voice mail message events at the ~~dual-mode~~ wireless device; and displaying the first and second graphical icons on the unified event listing ~~for each of the received e-mail messages and voice mail messages.~~

34. (Currently Amended) The method of claim 33, further comprising ~~the steps of:~~
the user selecting one of the graphical icons associated with a voice mail message; and displaying voice mail message information regarding the selected voice mail.

35. (Currently Amended) The method of claim 34, wherein the voice mail message information includes at least one of a voice mail reference identifier, a voice mail system telephone access number, caller identification information, or ~~the~~ a date and time of the voice call.

36-40 (Cancelled)

41. (Currently Amended) The method of claim 18, further comprising ~~the steps of:~~
displaying a command list at the ~~dual-mode~~ wireless device, the command list including one or more commands associated with voice mail operations; and
selecting and transmitting one of the commands on the command list from the ~~dual-mode~~ wireless device to the voice mail system to remotely control the operation of the voice mail system.

42. (Currently Amended) The method of claim 41, further comprising ~~the steps of:~~
mapping for each of the commands on the command list, configuring the wireless device to output into voice mail system operating commands ~~at the dual-mode wireless device;~~ and after a command is selected, transmitting the voice mail system operating commands from the ~~dual-mode~~ wireless device to the voice mail system.

43. (Previously Presented) The method of claim 42, wherein the voice mail system operating commands comprise a sequence of one or more DTMF signals.

44. (Cancelled)

45. (Currently Amended) The method of claim [[44]] 18 , further comprising the steps of:

the dual-mode wireless device detecting caller identification information of the
recognizing an incoming call from the voice mail system; and
automatically answering the voice incoming call without engaging a ringing mechanism
on the dual-mode wireless device.

46-52 (Cancelled)